



Atty. Dkt. No. 078883-0164

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECH CENTER 1600/2900

Applicants: Ole SIBBESEN et al.

Title: PROTEINS

Appl. No.: 10/626,724

Filing Date: 07/25/2003

Examiner: Unassigned

Art Unit: 1652

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants submit herewith on Form PTO/SB/08 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 09/869,155, filed 10/01/2001. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

**RELEVANCE OF EACH DOCUMENT**

The relevance of the listed documents is described in the parent application.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date Aug 18, 2003

By Michele M. Simkin

FOLEY & LARDNER  
Customer Number: 22428



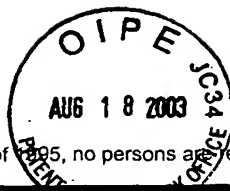
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PATENT TRADEMARK OFFICE

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Facsimile: (202) 672-5399

Michele M. Simkin  
Attorney for Applicants  
Registration No. 34,717



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Substitute for form 1449B/PATENT & TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: August 12, 2003 (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/626,724
Sheet 1 of 3		Filing Date	07/25/2003	<b>RECEIVED</b> AUG 1 2003 TECH CENTER 1600/2900	
		First Named Inventor	Ole SIBBESEN et al.		
		Group Art Unit	1652		
		Examiner Name	Unassigned		
		Attorney Docket Number	078883-0164		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	5,405,769		CAMPBELL ET AL.	04/11/1995	
	A2	5,306,633		GOTTSCHALK ET AL.	04/26/1994	
	A3	6,346,407	B1	DE BUYL ET AL.	02/12/2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Offic e <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A4	EP	0 828 002		CANADA NAT. RES. COUNCIL	03/11/1998		
	A5	EP	0 979 830		TNO	02/16/2000		
	A6	WO	95/23515		NOVONORDISK AS	09/08/1995		
	A7	WO	98/49278		K.U. LEUVEN RESEARCH & DEVELOPMENT	11/05/1998		
	A8	EP	0184438		ALLELIX INC.	06/11/1986		
	A9	EP	0284603		ALLELIX INC.	10/23/1986		
	A10	EP	0134048		GIST-BROCADES N.V.	03/13/1985		
	A11	EP	0253455		GIST-BROCADES N.V.	01/20/1988		
	A12	EP	0096430		GIST-BROCADES N.V.	12/21/1983		
	A13	EP	0301670		GIST-BROCADES N.V.	02/01/1989		
	A14	EP	120516		SCHILERPEROORT ET AL.	10/03/1984		
	A15	EP	0449374		GIST-BROCADES N.V.	10/02/1991		
	A16	EP	0 698 667	A1	GENENCOR INT.	02/28/1996		ABS.
	A17	WO	83/04050	A1	GIST-BROCADES N.V.	11/24/1983		
	A18	WO	86/06097	A1	ALLELIX, INC.	10/23/1986		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A19	McLAUCHLAN, W. Russell et al., "A novel class of protein from wheat which inhibits xylanases1", <u>Biochem. J.</u> , 338, ©1999 Biochemical Society, pp. 441-446, (1999)	

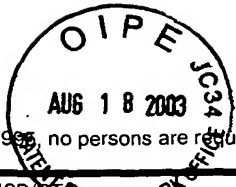
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: August 12, 2003

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Complete if known

Application Number	10/626,724
Filing Date	07/25/2003
First Named Inventor	Ole SIBBSEN et al.
Group Art Unit	1652
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Sheet 2 of 3

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A20	DEBYSER, W. et al., "Triticum aestivum Xylanase Inhibitor (TAXI), a New Class of Enzyme Inhibitor Affecting Breadmaking Performance", <i>Journal of Cereal Science</i> , 30, ©Academic Press, pp. 39-43, (1999)	
	A21	PAICE, Michael G. et al., "A xylanase gene from <i>Bacillus subtilis</i> : nucleotide sequence and comparison with <i>B. pumilus</i> gene", <i>Arch Microbiol.</i> , 144, © Springer-Verlag 1986, pp. 201-206, (1986)	
	A22	WOLF, Monika et al., "Genes encoding xylan and $\beta$ -glucan hydrolysing enzymes in <i>Bacillus subtilis</i> : characterization, mapping and construction of strains deficient in lichenase, cellulase and xylanase", <i>Microbiology</i> , 141, pp. 281-290, (1995)	
	A23	YU, Ju-Hyun et al., "Nucleotide Sequence and Analysis of a Xylanase gene (xynS) from Alkali-tolerant <i>Bacillus</i> sp. YA-14 and Comparison with Other Xylanases", <i>Journal of Microbiology and Biotechnology</i> , Vol. 3, No. 3, pp. 139-145, (1993)	
	A24	YANG, Robert C. et al., "Nucleotide sequence of a <i>Bacillus circulans</i> xylanase gene", <i>Nucleic Acids Research</i> , Vol. 16, Number 14, ©IRL Press Limited, p. 7187, (1988)	
	A25	ROUAU, X. et al., "Evidence for the Presence of a Pentosanase Inhibitor in Wheat Flours", <i>Journal of Cereal Science</i> , 28, ©1998 Academic Press, pp. 63-70, (1998)	
	A26	DEBYSER, Winok et al., "Arabinoxylan Solubilization and Inhibition of the Barley Malt Xylanolytic System by Wheat During Mashing with Wheat Wholemeal Adjunct: Evidence for a New Class of Enzyme Inhibitors in Wheat", <i>J. Am Soc. Brew. Chem.</i> , 55(4), pp. 153-166, (1997)	
	A27	MAAT et al., "Xylanases and their application in bakery," <i>Xylans and Xylanases</i> (1992), J. Visser et al., ed., pp. 349-360, Elsevier Science Publishers B.V..	
	A28	FINCHER et al., "Cell Walls and Their Components in Cereal Grain Technology," <i>Advances in Cereal Technology</i> , (1986), Vol. VIII (Pomeranz, ed.), AACC, St. Paul, Minnesota, pp. 207-295.	
	A29	MEUSER et al., "Non-starch Polysaccharides," <i>Chemistry and Physics of Baking</i> , (1985), Royal Society of Chemistry, London, pp. 42-61.	
	A30	MCCLEARY, "Enzymatic modification of plant polysaccharides," <i>International Journal of Biological Macro Molecules</i> , (1986) Vol. 8, pp. 349-354, Butterworth & Co..	
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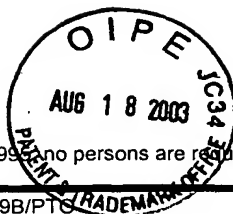
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	A33	AN et al., "Transformation of Tobacco, Tomato, Potato and <i>Arabidopsis thaliana</i> Using a Binary Ti Vector System," <i>Plant Physiol.</i> (1986), Vol. 81, pp. 301-305.	
	A34	BUTCHER et al., "The role of tissue culture in the study of crown-gall tumorigenesis," <i>Tissue Culture Methods for Plant Pathologists</i> (1980), pp. 203-208.	
	A35	POTRYKUS, "Gene Transfer to Plants: Assessment of Published Approaches and Results," <i>Annu. Rev. Plant Physiol Plant Mol. Biol</i> (1991), Vol. 42, pp. 205-225.	
	A36	WINTER ET AL., "Man-made antibodies," <i>Nature</i> (1991), Vol. 349, pp. 293-299.	
	A37	ORLANDI ET AL., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," <i>Proc Natl. Acad. Sci.</i> (1989), Vol. 86, pp. 3833-3837.	
	A38	TAKEDA ET AL., "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences," <i>Nature</i> (1985), Vol. 314, pp. 452-454.	
	A39	NEUBERGER ET AL., "Recombinant antibodies possessing novel effector functions," <i>Nature</i> (1984), Vol. 312, pp. 604-608.	
	A40	MORRISON ET AL., "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains," <i>Proc. Natl. Acad. Sci.</i> (1984), Vol. 81, pp. 6851-6855.	
	A41	COLE ET AL., "The EBV-Hybridoma Technique and its application to human lung cancer," <i>Monoclonal Antibodies and Cancer Therapy</i> (1985), Reisfeld et al., ed., pp. 77-96.	
	A42	COTE ET AL., "Generation of human monoclonal antibodies reactive with cellular antigens," <i>Proc. Natl Acad. Sci.</i> (1983), Vol. 80, pp. 2026-2030.	
	A43	KOZBOR ET AL., "The production of monoclonal antibodies from human lymphocytes," <i>Immunol Today</i> (1983), Vol. 4, No. 3, pp. 72-79.	
	A44	Koehler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> (1975), Vol. 256, pp. 495-497.	

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